



2015 CREATE-MIA SUMMER SCHOOL SCHEDULE: MAY 21
Location: McConnell Engineering, MC103

Time	Title	Speaker
10:00am - 10:20am	Cross-species analysis of negative blood oxygenation and volume functional MRI responses	Alexandre Hutton, <i>Biomedical Engineering, McGill University</i>
10:20am - 10:40am	Voxel Selection Templates for Medical Image Registration	Chris Donnelly, <i>Electrical & Computer Engineering, McGill University</i>
10:40am - 11:00am	Surface tracking from the cortical mesh	Etienne St-Onge, <i>Computer Science, Université de Sherbrooke</i>
11:00am - 11:20am	COFFEE BREAK	
11:20am - 11:40am	TBA	Andrew Doyle, <i>Electrical and Computer Engineering, McGill</i>
11:40am - noon	Simulation of laser profilometry	Zeshan Yao, <i>Biomedical Engineering, McGill University</i>
noon - 12:20pm	Automated Segmentation of White Matter Hyperintensities in Alzheimer's Disease	Mahsa Dadar, <i>Biomedical Engineering, McGill University</i>
12:20pm - 12:40pm	Challenges of surgical planning and assisted surgery	Francois Rheault, <i>Computer Science, Université de Sherbrooke</i>
12:40pm - 2:15pm	LUNCH	
2:15pm - 2:35pm	Hippocampus atrophy as Alzheimer's biomarker: from Segmentation to Prediction	Azar Zandifar, <i>Biomedical Engineering, McGill University</i>
2:35pm - 2:55pm	User-Guided Graph Reduction for Fast Image Segmentation	Housseem-Eddine Gueziri, <i>Electrical Engineering, ÉTS</i>
2:55pm - 3:15pm	Path planning using flux graphs	Babak Samari, <i>School of Computer Science, McGill University</i>
3:15pm - 3:35pm	Depth discrimination in cluttered 3D volumes	Shayan Rezvankhah, <i>School of Computer Science, McGill University</i>

Time	Title	Speaker
3:35pm - 3:55pm	COFFEE BREAK and election of the Student Representative to the CREATE-MIA Program Committee for the coming year	
3:55pm - 4:15pm	Laminar specific Current Source Density (CSD) based Prototype for Multi-contact Linear Electrode	Niladri Mohanty, <i>Biomedical Engineering, McGill University</i>
4:15pm - 4:35pm	Modeling Cardiac Mechanics	Damien Goblot, <i>School of Computer Science, McGill University</i>
4:35pm - 4:55pm	MS Lesion Segmentation	Maor Zaltzhendler, <i>Electrical & Computer Engineering, McGill University</i>